



FORM PTO-449

INFORMATION DISCLOSURE CITATION

Attorney Docket:
2629-4017Serial No.:
09/594,039Applicant:
James Anthony et al.Filing Date:
June 15, 2000Group Art Unit:
1656

U.S. PATENT DOCUMENTS

Examiner Initial	Patent Number	Publication Date	Name	Class	Sub-Class	Filing Date
SPC	4,486,536	12/4/84	Ranki et al.			10/14/82
	4,563,419	1/7/86	Ranki et al.			12/29/83
	4,731,325	3/15/88	Palva et al.			1/24/85
	4,732,847	3/22/88	Stuart et al.			12/29/82
	4,743,535	5/10/88	Currico			11/84
	4,751,177	6/14/88	Stabinsky			6/13/85
	4,851,330	7/25/89	Kohne			4/16/87
	5,288,611	2/22/94	Kohne			3/19/92
	5,374,524	12/20/94	Miller			4/27/93
	5,759,773	6/2/98	Tyagi et al.			2/24/95
	5,424,413	6/13/95	Hogan et al.			9/4/92
	5,437,977	8/1/95	Segev			5/29/92
	5,474,895	12/12/95	Ishii et al.			11/14/91
	5,556,748	9/17/96	Douglas			7/30/91
	5,623,049	4/22/97	Lobberding et al.			9/6/94
	5,629,156	5/13/97	Shan et al.			12/29/94
	5,656,731	8/12/97	Urdea			7/1/93
	5,695,926	12/9/97	Cros et al.			6/7/94
	5,728,531	3/17/98	Yamada et al.			3/29/96
	5,786,183	7/28/98	Ryder et al.			4/14/95
	4,868,105	9/19/89	Urdea et al.			12/11/85
	4,775,619	10/4/98	Urdea			10/16/84
	5,614,362	3/25/97	Urdea et al.			9/30/94
	5,629,153	5/13/97	Urdea			3/8/94
	5,641,630	6/24/97	Snitman			4/27/95
	5,702,893	12/30/97	Urdea et al.			5/15/95
	5,736,316	4/7/98	Irvine et al.			1/24/94
	5,747,244	5/5/98	Sheridan et al.			12/23/91
	5,747,248	5/5/98	Collins			12/5/94
	5,800,994	9/1/98	Martinelli et al.			7/24/96
	4,889,798	12/26/89	Rabbani			2/13/87
	6,221,581 B1	04-2001	Engelhardt et al.			6/7/95
	5,627,030	06-1997	Panadian et al.			7/15/94
	4,865,980	9/12/89	Stuart et al.			2/12/88
	5,827,661	10/27/98	Blais			9/23/96
	5,981,179	11/9/99	Lorincz et al.			9/14/95
	6,027,897	2/22/00	Lorincz			6/8/98
	6,043,038	3/27/00	Sivaraja et al.			3/31/98
	4,833,084	5/23/89	Carrico			8/26/85

Examiner

Prabha Chunduru

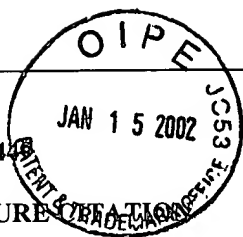
Date Considered

9/8/02

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP §609.
 Draw line through citation if not in conformance and not considered.
 Include copy of this form with next communication to Applicant.

FORM PTO-1449

INFORMATION DISCLOSURE

Attorney Docket:
2629-4017Serial No.:
09/594,039Applicant:
James Anthony et al.Filing Date:
June 15, 2000Group Art Unit:
1656

FOREIGN PATENT DOCUMENTS

Examiner Initial	Patent Number	Publication Date	Country	Class	Sub-Class	Translation
SPE	WO84/02721	7/19/94	PCT			<input type="checkbox"/> Yes <input type="checkbox"/> No
	WO88/03957	6/2/88	PCT			<input type="checkbox"/> Yes <input type="checkbox"/> No
	WO95/16055	6/15/95	PCT			<input type="checkbox"/> Yes <input type="checkbox"/> No
	WO94/16108	7/21/94	PCT			<input type="checkbox"/> Yes <input type="checkbox"/> No
	WO97/05277	2/13/97	PCT			<input type="checkbox"/> Yes <input type="checkbox"/> No
	WO98/18488	5/7/98	PCT			<input type="checkbox"/> Yes <input type="checkbox"/> No
	WO98/22620	5/28/98	PCT			<input type="checkbox"/> Yes <input type="checkbox"/> No
	EPO079,139B1	5/18/83	EPO			<input type="checkbox"/> Yes <input type="checkbox"/> No
	EPO144,914A2	6/19/85	EPO			
	EPO167,366B1	1/1/86	EPO			
	EPO184,017A2	6/11/86	EPO			
	EPO281,927B1	9/14/88	EPO			
	EPO703,296A1	3/27/96	EPO			
	EPO415,978B1	3/13/91	EPO			
	EPO336,454B1	11/10/892	EPO			
	WO93/10263	5/27/93	PCT			
	WO99/40224	8/12/99	PCT			
	WO99/29909	6/17/99	PCT			
	EPO0288737 A1	11/2/88	EPO			
	WO99/36571	7/22/99	PCT			
	WO97/31256	8/28/97	PCT			
J	WO99/32654A	7/1/99	PCT			
	WO99/39001 A2	8/5/99	PCT			
	WO00/60116 A1	10/12/00	PCT			

OTHER DOCUMENTS (continued)

SPE	Coutlee et al., "Nonisotopic Detection of RNA in an Enzyme Immunoassay using a Monoclonal Antibody Against DNA-RNA Hybrids" <i>Analytical Biochemistry</i> 181:153-162, 1989.
	Chen et al., "DNA Optical Sensor: A Rapid Method For The Detection Of DNA Hybridization" <i>Biosensors & Bioelectronics</i> 13:451-458, 1998.
	Chevrier et al., "Isolation of a Specific DNA fragment and Development of a PCR-Based Method for the Detection of <i>Mycobacterium genavense</i> " <i>FEMS Immunology and Medical Microbiology</i> 23:243-452, 1999.
	Hakala et al., "Simultaneous Detection Of Several Oligonucleotides By Time-Resolved Fluorometry: The Use Of A Mixture Of Categorized Microparticles In A Sandwich Type Mixed-Phase Hybridization Assay" <i>Nucleic Acids Research</i> , 26:5581-5588, 1998.
	Gelmetti et al., "Detection of Rabbit Haemorrhagic Disease Virus (RHDV) by <i>In Situ</i> Hybridisation With A Digoxigenin Labelled RNA Probe" <i>Journal of Virological Methods</i> 72:219-226, 1998.

Examiner

Brahma Chendur

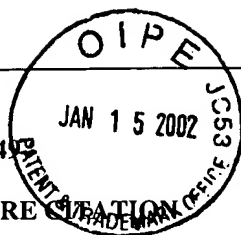
Date Considered

4/5/02

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP §609.
 Draw line through citation if not in conformance and not considered.
 Include copy of this form with next communication to Applicant.

FORM PTO-1449

INFORMATION DISCLOSURE

Attorney Docket:
2629-4017Serial No.:
09/594,039Applicant:
James Anthony et al.Filing Date:
June 15, 2000Group Art Unit:
1656

OTHER DOCUMENTS (continued)

SPC	Radtkey et al., "Rapid, High Fidelity Analysis of Simple Sequence Repeats On An Electronically Active DNA Microchip" <i>Nucleic Acids Research</i> 28:i-vi, 2000.
	Namimatsu et al., "Detection of Salmonella by Using the Colorimetric DNA/rRNA Sandwich Hybridization in Microtiter Wells" <i>J. Vet. Med. Sci.</i> 62:615-619, 2000.
	Lazar et al., 1999 "Hybrid Capture @: a Sensitive Signal Amplification-based Chemiluminescent Test for the Detection and Quantitation of Human Viral and Bacterial Pathogens" <i>J. Clin. Ligand Assay</i> 22:139-151.
	Newman et al., 1989 "Solution Hybridization and Enzyme Immunoassay for Biotinylated DNA:RNA Hybrids to Detect Enteroviral RNA in Cell Culture" <i>Mol. Cell Probes</i> 3:375-382.
	Lamoureux et al., 1997 "Detection of Campylobacter jejuni in Food and Poultry Viscera Using Immunomagnetic Separation and Microtitre Hybridization" <i>J. Appl. Microbiol.</i> 83:641-651.
	Coutlee et al., 1990 "Quantitative Detection of Messenger RNA by Solution Hybridization and Enzyme Immunoassay" <i>J. Biol. Chem.</i> 265:11601-11604
	Stollar, B.D. and A. Rashtchian, 1987 "Immunochemical Approaches to Gene Probe Assays" <i>Anal. Biochem.</i> 161:387-394.
	Blais, B.W., 1994 "Transcriptional Enhancement of the Listeria Monocytogenes PCR and Simple Immunoenzymatic Assay of the Product Using Anti-RNA:DNA Antibodies" <i>Appl. Environ. Microbiol.</i> 60:348-352.
	Coutlee et al., 1991 "Detection of Transcripts of Human Papillomaviruses 16 and 18 in Cancer-derived Cell Lines and Cervical Biopsies by Enzyme Immunoassay for DNA-RNA Hybrids Following Solution Hybridization" <i>J. Clin. Microbiol.</i> 29:968-974.
	Viscidi et al., 1989 "Monoclonal Antibody Solution Hybridization Assay for Detection of Human Immunodeficiency Virus Nucleic Acids" <i>J. Clin. Microbiol.</i> 27:120-125.
	Boguslawski et al., 1986 "Characterization of Monoclonal Antibody to DNA:RNA and Its Application to Immunodetection of Hybrids" <i>J. Immunol. Methods</i> 89:123-130.
	Coutlee et al., 1989 "Immunodetection of DNA with Biotinylated RNA Probes: A Study of Reactivity of a Monoclonal Antibody to DNA-RNA Hybrids" <i>Anal. Biochem.</i> 181:96-105.
	Coutlee et al., 1991 "Immunodetection of DNA with Biotinylated RNA Probes: A Study of Reactivity of a Monoclonal Antibody to DNA-RNA Hybrids" <i>Anal. Biochem.</i> 198:217 (Published erratum).
	Coutlee et al., 1989 "Comparison of Colorimetric Fluorescent, and Enzymatic Amplification Substrate Systems in an Enzyme Immunoassay for Detection of DNA-RNA Hybrids" <i>J. Clin. Microbiol.</i> 27:1002-1007.
	Zientara et al., 1998 "Use of reverse transcriptase-polymerase chain reaction (RT-PCR) and dot-blot hybridization for the detection and identification of African horse sickness virus nucleic acids" <i>Arch Virol</i> 14:317-327.
	Mansy et al., 1999 "A PCR Based DNA Hybridisation Capture System for the Detection of Human Cytomegalovirus. A Comparative Study with Other Identification Methods" <i>Journal of Virological Methods</i> 80:113-122.
	Poulsen et al., 1999 "Detection of Clinical Vancomycin-Resistant Enterococci in Denmark by Multiplex PCR and Sandwich Hybridization" <i>APMIS</i> 107:404-12.
	Sjöroos et al., 1998 "Time-Resolved Fluorometry Based Sandwich Hybridisation Assay for HLA-DQA1 Typing" <i>Disease Markers</i> 14:9-19.
	Edman et al., 2000 "Pathogen Analysis and Genetic Predisposition Testing Using Microelectronic Arrays and Isothermal Amplification" <i>Journal of Investigative Medicine</i> , 48:93-101.
	Monteiro et al., 1997 Evaluation of Performances of Three DNA Enzyme Immunoassays for Detection of <i>Helicobacter pylori</i> PCR Products from Biopsy Specimens" <i>Journal of Clinical Microbiology</i> , 35:2931-2936.
	Chiu et al., 1998 "Sandwich-type Deoxyribonucleic Acid Hybridization Assays Based on Enzyme Amplified Time-Resolved Fluorometry" <i>Analyst.</i> , 123:1315-1319.

Examiner

Brabbe chunduru

Date Considered

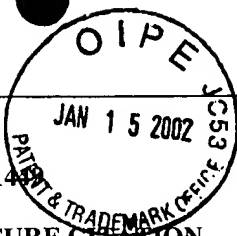
4/5/02

EXAMINER:

Initial if reference considered, whether or not citation is in conformance with MPEP §609.
 Draw line through citation if not in conformance and not considered.
 Include copy of this form with next communication to Applicant.

FORM PTO-1459

INFORMATION DISCLOSURE CITATION

Attorney Docket:
2629-4017Serial No.:
09/594,039Applicant:
James Anthony et al.Filing Date:
June 15, 2000Group Art Unit:
1656

OTHER DOCUMENTS (continued)

SPC	White et al., 1999 "Signal Amplification System for DNA Hybridization Assays Based on <i>in vitro</i> Expression of a DNA Label Encoding Apoeaquorin" <i>Nucleic Acids Research</i> 27:i-viii.
	Hakala et al., 1998 "Detection of Oligonucleotide Hybridization on a Single Microparticle by Time-Resolved Fluorometry: Quantitation and Optimization of a Sandwich Type Assay" <i>Bioconjugate Chem.</i> 9:316-321.
	Zammatteo et al., 1997 "Comparison between Microwell and Bead Supports for the Detection of Human Cytomegalovirus Amplicons by Sandwich Hybridization" <i>Analytical Biochemistry</i> 253:180-189.
	Fisher et al., 1997 "A System for the Quantitation of DNA Using a Microtiter Plate-Based Hybridization and Enzyme Amplification Technology" <i>Analytical Biochemistry</i> 251:280-287.
	Wicks et al., 1998 "A Sandwich Hybridization Assay Employing Enzyme Amplification for Determination of Specific Ribosomal RNA from Unpurified Cell Lysates" <i>Analytical Biochemistry</i> 259:258-264.
	Bruckner-Lea et al., 2000 "Rotating Rod Renewable Microcolumns for Automated, Solid-Phase DNA Hybridization Studies" <i>Anal. Chem.</i> 72:4135-4141.
	Allen et al., 1998 "High Resolution Genetic Typing of the Class II HLA-DRB1 Locus Using Group-Specific Amplification and SSO-Hybridisation in Microplates" <i>Hereditas</i> 129:161-167.
	Chomvarin et al., 2000 "Development of EIA for Detection of <i>Chlamydia Trachomatis</i> in Genital Specimens" <i>The Southeast Asian Journal of Tropical Medicine and Public Health</i> , 31:96-103.
	Alexandre et al., 1998 "Quantitative Determination of CMV DNA Using a Combination of Competitive PCR Amplification and Sandwich Hybridization" <i>BioTechniques</i> , 25: 676-683.
	Casadémont et al., 2000 "Rapid Detection of <i>Campylobacter fetus</i> by Polymerase Chain Reaction Combined With Non-Radioactive Hybridization Using an Oligonucleotide Covalently Bound to Microwells" <i>Molecular and Cellular Probes</i> 14:233-240.

Examiner	Prabha Chenduru	Date Considered	4/5/02
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP §609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.			